

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A method of producing a thin film heating element, comprising the steps of:

masking a surface of a material except a heat generating portion with heat- and oil-resistant ink and allowing the ink to run dry;

preheating the material and spraying a conductive composition for the thin film heating element on a surface of the preheated material using clean air as a carrier to form a conductive thin film for the thin film heating element;

removing the ink from the material by water cleaning;

printing the conductive thin film for the thin film heating element with a conductive thin film for an electrode 15 and then drying the conductive thin film for the electrode; and

baking the material.

2. (Original) The method as claimed in claim 1, wherein the conductive composition for the thin film heating element consists of 15 to 20 wt% of tin (IV) chloride, 1 to 1.5 wt% of antimony chloride, 10 to 15 wt% of hydrochloric acid, 1 to 1.5 wt% of indium chloride and 55 to 60 wt% of distilled water.

3. (Original) The method as claimed in claim 1, wherein the material is transparent glass or ceramic having thermal resistance and a low thermal expansion property.

4. (Currently Amended) The method as claimed in claim 1 [[or 3]], wherein the material is preheated to a temperature of 500 to 800°C.

5. (Currently Amended) The method as claimed in claim 1 [[or 3]], wherein the material has a thermal expansion coefficient less than $3 \times 10^{-6}/^{\circ}\text{C}$. at a temperature of 0 to 300°C.
6. (Original) The method as claimed in claim 1, wherein the conductive thin film for the heating element has an electric resistance of 10 to 1000Ω/square.
7. (Currently Amended) The method as claimed in claim 1 [[or 6]], wherein the conductive thin film for the heating element has a thickness of 500 to 5000Å.
8. (Original) The method as claimed in claim 1, wherein the conductive thin film for the electrode comprises silver.

Claims 9-11 Canceled